Application No. 10/758,767 Amendment Dated September 22, 2009 Reply to Office Action of June 25, 2009

This listing of claims will replace all prior versions, and listings, of claims in the application:

In the Claims:

1. (Previously Presented) A retinoid ester having the formula

$$R-O-R^1$$

where R is a retinoyl of a retinoid selected from the group consisting of all-trans-retinoic acid, 9-cis-retinoic acid, 11-cis-retinoic acid, 13-cis-retinoic acid, 9,13-di-cis-retinoic acid, TTNPB, TTNN, TTAB, UAB8, AM80, AM580, AM555S, AGN 193836, AGN 190299, CD 2019, CD 417, R_o 48-2249, R_o 44-4753, R_o 10-9359, SR 11254, BMS 185354, AGN 190299, CD 437 (AHPN), SR 11247, SR 11217, SR 11237, AGN 191701, LDG 100268, LDG 100568, LGD 100754, R_o 25-7386, BMS 188970, SR 11004, and SR 11203 and R¹ is a highly sterically hindered functional group having the formula

$$R_{4}$$
 R_{4}
 R_{5}

where R₃, R₄ and R₅ which may be the same or different are each independently selected from the group consisting of a straight chain or branched alkyl group in all isomeric forms having 1 to 5 carbon atoms.

Claim 2-3 (Canceled)

4. (Original) The retinoid ester of claim 1 wherein R¹ is a tertiary butyl structure having the formula

Claims 5-6 (Canceled)

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- 7. (Original) The retinoid ester of claim 1 wherein R is a retinoyl of all-transretinoic acid.
 - 8. (Cancelled)
 - 9. (Original) A retinoid ester having the formula

Claims 10-11 (Canceled)

- 12. (Original) A pharmaceutical composition comprising a retinoid ester as set forth in claim 1 together with a pharmaceutically acceptable excipient.
- 13. (Original) The composition of claim 12 having from about 0.01mg to about 100mg of said retinoid ester per gram of the composition.
- 14. (Original) A pharmaceutical composition comprising a retinoid ester having the formula

together with a pharmaceutically acceptable excipient

15. (Original) The composition of claim 14 having from about 0.01mg to about 100mg of said retinoid ester per gram of the composition.

Claims 16-19 (Canceled)

- 20. (Previously Presented) A method of treating a disease characterized by abnormal cell proliferation or cell differentiation where the disease is psoriasis, or the disease is a skin disorder selected from the group consisting of dermatitis, eczema and keratosis, comprising administering to a patient with said disease an effective amount of a retinoid ester as set forth in claim 1.
- 21. (Original) The method of claim 20 wherein the retinoid ester is administered orally, parenterally, transdermally or topically.
- 22. (Original) The method of claim 20 wherein the retinoid ester is administered in a dosage of from about 5 mg to about 5 g per day.

Claims 23-25 (Cancelled)

26. (Original) The method of claim 20 wherein the retinoid ester has the formula

Claims 27-28 (Canceled)

- 29. (Original) A method of treating acne comprising administering to a patient with acne an effective amount of a retinoid ester as set forth in claim 1.
- 30. (Original) The method of claim 29 wherein the retinoid ester is administered orally, parenterally, transdermally or topically.
- 31. (Original) The method of claim 29 wherein the retinoid ester is administered in a dosage of from about 5 mg to about 5 g per day.

32. (Original) The method of claim 29 wherein the retinoid ester has the formula

Claims 33-34 (Canceled)

- 35. (Original) A method of treating skin conditions selected from the group consisting of lack of skin firmness, wrinkles, lack of dermal hydration and insufficient sebum secretion which comprises administering to a patient with one of said skin conditions an effective amount of a retinoid ester as set forth in claim 1.
- 36. (Original) The method of claim 35 wherein the retinoid ester is administered orally, parenterally, transdermally or topically.
- 37. (Original) The method of claim 35 wherein the retinoid ester is administered in a dosage of from about 5 mg to about 5 g per day.
 - 38. (Original) The method of claim 35 wherein the retinoid ester has the formula

Claims 39-40 (Canceled)

41. (Previously Presented) A retinoid ester having the formula

$$\begin{array}{c|c}
O & R_3 \\
\parallel & -C - C - C - R_4 \\
R_5
\end{array}$$

where R₃, R₄ and R₅ which may be the same or different are each independently selected from the group consisting of a straight chain or branched alkyl group in all isomeric forms having 1 to 5 carbon atoms.

Claim 42 (Canceled)

- 43. (Previously Presented) A method of treating a disease characterized by abnormal cell proliferation or cell differentiation where the disease is psoriasis, or the disease is a skin disorder selected from the group consisting of dermatitis, eczema and keratosis, comprising administering to a patient with said disease an effective amount of a retinoid ester as set forth in claim 41.
- 44. (Previously Presented) The method of claim 43 wherein the retinoid ester is administered orally, parenterally, transdermally or topically.
- 45. (Previously Presented) The method of claim 43 wherein the retinoid ester is administered in a dosage of from about 5 mg to about 5 g per day.
- 46. (Previously Presented) A method of treating acne comprising administering to a patient with acne an effective amount of a retinoid ester as set forth in claim 41.
- 47. (Previously Presented) The method of claim 46 wherein the retinoid ester is administered orally, parenterally, transdermally or topically.
- 48. (Previously Presented) The method of claim 46 wherein the retinoid ester is administered in a dosage of from about 5 mg to about 5 g per day.
- 49. (Previously Presented) A method of treating skin conditions selected from the group consisting of lack of skin firmness, wrinkles, lack of dermal hydration and insufficient sebum secretion which comprises administering to a patient with one of said skin conditions an effective amount of a retinoid ester as set forth in claim 41.
- 50. (Previously Presented) The method of claim 49 wherein the retinoid ester is administered orally, parenterally, transdermally or topically.
- 51. (Previously Presented) The method of claim 49 wherein the retinoid ester is administered in a dosage of from about 5 mg to about 5 g per day.